WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

Benton County, Iowa

	map	Pct. Septic tank of absorption fields map unit		Sewage lagoons 	
		Rating class and limiting features			
11B: Colo	 60	 Very limited		 Very limited	
0010	 	Flooding Depth to	1.00 1.00	Flooding Depth to saturated zone	1.00 1.00 0.50
	 	permeability	 	 	
Ely		Depth to	1.00	Very limited Depth to saturated zone	 1.00
	 	restricted permeability 	0.25 	i i	0.50 0.33
41:		 	 	 	
Sparta				Very limited Seepage 	11.00
41B:					
Sparta				Very limited Seepage 	11.00
		 		Slope 	0.33
41C: Sparta		Filtering		 Very limited Seepage	1 1.00
	 	capacity 	 	 Slope 	11.00
41D: Sparta	1	 Very limited		' Very limited	
Sparta				Slope	11.00
	i i		0.63	 Seepage 	11.00
51: Vesser		Flooding Depth to	1.00 1.00	 Very limited Flooding Depth to saturated zone	11.00
	i I			Seepage	0.50

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Sanitary Facilities - Part 1.

and soil name	Pct. of map unit	absorption fields 		Sewage lagoons 	
		Rating class and limiting features			
54: Zook	 100 100 	Flooding Depth to saturated zone	1.00 1.00	Depth to saturated zone	 1.00 1.00
63B: Chelsea	 100 	-		 Very limited Seepage Slope	 1.00 0.09
63C: Chelsea		· <u>-</u>		 Very limited Seepage Slope	 1.00 1.00
63D: Chelsea	 100 	Filtering capacity	11.00		 1.00 1.00
63F: Chelsea	 100 	Slope			 1.00 1.00
65E2: Lindley	 95 	Slope	 1.00 1.00	· •	11.00
65F: Lindley		Slope	 1.00 1.00 	•	 1.00

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Sanitary Facilities - Part 1.

and soil name	 Pct. of map unit	of absorption fields ap		Sewage lagoons	
	 	 Rating class and limiting features 		Rating class and limiting features	Value
65F3: Lindley	 95 	•		 Very limited Slope 	 1.00
83B: Kenyon	 100 	saturated zone		 Somewhat limited Seepage Slope	 0.50 0.33
83C: Kenyon	 100 	saturated zone	 0.43 0.25		 1.00 0.50
83C2: Kenyon	 100 	 Somewhat limited Depth to saturated zone restricted permeability	 0.43 0.25		 1.00 0.50
83D: Kenyon	 100 	Depth to saturated zone		 Very limited Slope Seepage 	 1.00 0.50
83D2: Kenyon	 100 	Slope Depth to saturated zone	 0.63 0.43 0.25	•	 1.00 0.50

Sanitary Facilities - Part 1.

and soil name	of map	Pct. Septic tank of absorption fields map unit		Sewage lagoons	
		Rating class and limiting features			
84: Clyde	 100 100 	Depth to saturated zone	1.00 	saturated zone	 1.00 1.00
109C: Backbone	 100 	Depth to bedrock		bedrock Seepage	 1.00 1.00 1.00
110B: Lamont	 100 100 	 Very limited Filtering capacity 			 1.00 0.33
110C: Lamont	 100 	 Very limited Filtering capacity 			 1.00 1.00
118: Garwin	 100 	Depth to saturated zone	11.00	 Very limited Depth to saturated zone Seepage	1 1.00
119: Muscatine	 95 	Depth to saturated zone		 Very limited Depth to saturated zone Seepage 	 1.00 0.50

Sanitary Facilities - Part 1.

and soil name	of	Pct. Septic tank of absorption fields map unit		Sewage lagoons	
		Rating class and limiting features			
119B: Muscatine	 95 1 	saturated zone	1.00 	 Very limited Depth to saturated zone Seepage Slope	 1.00 0.50 0.33
120: Tama	 100 			 Somewhat limited Seepage 	1 1 1 1 1 1 1 1 1 1
120B: Tama		 Not limited restricted permeability 		 Somewhat limited Seepage Slope	 0.50 0.33
120C: Tama		 Not limited restricted permeability 		 Very limited Slope Seepage	 1.00 0.50
120C2: Tama	 100 	 Not limited restricted permeability 		 Very limited Slope Seepage	11.00
122: Sperry	 100 	saturated zone	11.00	 Very limited Depth to saturated zone Seepage 	 1.00 0.50
127: Wiota	 100 	Filtering capacity	1.00 	 Very limited Seepage Slope 	1 1.00

Sanitary Facilities - Part 1.

Map symbol and soil name	Pct. of map unit	absorption fields		 Sewage lagoons 	
	 	Rating class and limiting features		 Rating class and limiting features _	Value
133: Colo	 100 	Flooding Depth to saturated zone	1.00	saturated zone	 1.00 1.00 0.50
159: Finchford				 Very limited Seepage 	 1.00
162B: Downs	 100 		 0.35 	 Somewhat limited Seepage Slope	 0.50 0.33
162C: Downs	 - 100 	 Somewhat limited restricted permeability		 Very limited Slope Seepage	1 1.00
162C2: Downs	 - 100 	 Somewhat limited restricted permeability	 0.35 	 Very limited Slope Seepage	1 1.00
162D: Downs	 - 100 	·	 0.63 0.35	•	11.00
162D2: Downs	 - 100 	·	 0.63 0.35	•	11.00

Sanitary Facilities - Part 1.

and soil name	 Pct. of map unit	absorption fields		Sewage lagoons	
		Rating class and limiting features		Rating class and limiting features	Value
163B: Fayette	 100 	 Somewhat limited restricted permeability 	 0.35 	 Somewhat limited Seepage Slope	 0.50 0.33
163C: Fayette	 100 	 Somewhat limited restricted permeability 	 0.35	 Very limited Slope Seepage	 1.00 0.50
163C2: Fayette	 100 	 Somewhat limited restricted permeability 	 0.35 	 Very limited Slope Seepage	 1.00 0.50
163D: Fayette	 100 	· <u>-</u>	 0.63 0.35	· <u>-</u>	 1.00 0.50
163D2: Fayette	 100 	-	 0.63 0.35	· •	11.00
163E: Fayette	 100 	 Very limited Slope restricted permeability	 1.00 0.35 	· •	 1.00 0.50
163E2: Fayette	 100 		 1.00 0.35 		 1.00 0.50

Sanitary Facilities - Part 1.

and soil name	Pct. Pct. of map unit	absorption fields		Sewage lagoons 	
	 			 Rating class and limiting features 	Value
163F: Fayette	 100 100 	Slope	 1.00 0.35		1 1 .00 10.50
163F2: Fayette	 100 	-		 Very limited Slope Seepage	11.00
163G: Fayette	 100 	Slope		 Very limited Slope Seepage 	11.00
171B: Bassett	 100 	Depth to saturated zone	0.43	 Somewhat limited Seepage Slope	 0.50 0.33
171C: Bassett	 100 	Depth to saturated zone		 Very limited Slope Seepage	 1.00 0.50
171C2: Bassett	 100 	saturated zone	0.43 	 Very limited Slope Seepage	1 1.00 10.50
171D: Bassett	 100 	Depth to saturated zone	 0.63 0.43 10.35	_	1.00

Sanitary Facilities - Part 1.

and soil name	Pct. of map unit	of absorption fields ap		Sewage lagoons 	
		Rating class and limiting features			
171D2: Bassett	 100 100 	Slope Depth to saturated zone restricted	0.63	Slope Seepage 	 1.00 0.50
175: Dickinson				 Very limited Seepage 	1 1.00
175B: Dickinson	 100 		1.00 		1.00
175C: Dickinson	 100 			 Very limited Seepage Slope	 1.00 1.00
177: Saude				 Very limited Seepage 	1 1.00
177B: Saude		•		1	1 1.00
177C: Saude	 95 	-		 Very limited Seepage Slope	 1.00 1.00

Sanitary Facilities - Part 1.

and soil name	Pct. of map unit	absorption fiel	Sewage lagoons ds 		
	 	 Rating class and limiting features 		Rating class and limiting features	Value
178: Waukee	 95 	 Very limited Filtering capacity restricted permeability	 1.00 0.25	 Very limited Seepage 	 1.00
178B: Waukee	100 	 Very limited Filtering capacity restricted permeability	 1.00 0.25		11.00
184B: Klinger	 95 	 Very limited Depth to saturated zone restricted permeability		 Very limited Depth to saturated zone Seepage Slope	 1.00 0.50
198B: Floyd	 95 	 Very limited Depth to saturated zone restricted permeability	 1.00 0.25		 1.00 1.00 1.00
207C: Whalan	 95 	 Very limited Depth to bedrock Restricted permeability Filtering capacity		bedrock Seepage 	 1.00 1.00 1.00

Sanitary Facilities - Part 1.

Benton County, Iowa

and soil name	Pct. of map unit	absorption fields		Sewage lagoons 	
		Rating class and limiting features		Rating class and limiting features 	
214C: Rockton	95	 Very limited Depth to bedrock 		 Very limited Depth to hard bedrock	
		capacity		Seepage Slope 	1.00 0.91
220: Nodaway	95	Depth to saturated zone	1.00 1.00	 Very limited Flooding Depth to saturated zone Seepage	 1.00 0.71 0.50
221B: Palms	95	 Very limited Depth to saturated zone Subsidence Restricted permeability		organic matter	 1.00 1.00 1.00 1.00 1.00 1.00
226: Lawler	95	capacity Depth to saturated zone	1.00 	Depth to saturated zone	 1.00 1.00
284: Flagler	100	 Very limited Filtering capacity 	1 1.00	 Very limited Seepage 	11.00
284B: Flagler	100	 Very limited Filtering capacity	 1.00	 Very limited Seepage Slope	 1.00 0.33

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Sanitary Facilities - Part 1.

and soil name	Pct. Of map unit	absorption fields		Sewage lagoons 	
	 			 Rating class and limiting features 	
285C: Burkhardt	 100 100 	•		 Very limited Seepage Slope	 1.00 0.91
291: Atterberry	 100 	 Very limited Depth to saturated zone restricted permeability	1.00 	 Very limited Depth to saturated zone Seepage Slope	 1.00 10.50 10.01
293C: Chelsea	 40 	 Very limited Filtering capacity 	1.00 	 Very limited Seepage Slope	 1.00 1.00
Lamont	 30 		1.00 		11.00
Fayette		 Somewhat limited restricted permeability 	 0.35	 Very limited Slope 	1.00 1.00 0.50
293D: Chelsea		=	1.00 	 Very limited Slope Seepage	 1.00 1.00
Lamont		 Very limited Filtering	 	 Very limited Slope 	11.00
Fayette	 20 	Slope 		 Very limited Slope	11.00

Sanitary Facilities - Part 1.

Benton County, Iowa

and soil name	Pct. of map unit	absorption fiel	ds	Sewage lagoons 	
	 	Rating class and limiting features 		Rating class and limiting features	Value
293F: Chelsea	 40 	 Very limited Slope Filtering capacity	 1.00 1.00		 1.00 1.00
Lamont	 30 	 Very limited Slope Filtering capacity		 Very limited Slope Seepage 	1.00
Fayette	20 	 Very limited Slope restricted permeability	1.00		11.00
302B: Coggon	 100 	 Somewhat limited Depth to saturated zone restricted permeability	 0.43 0.35		0.50
302C: Coggon	 100 	 Somewhat limited Depth to saturated zone restricted permeability	0.43		1.00
302C2: Coggon	 100 	 Somewhat limited Depth to saturated zone restricted permeability	 0.43 0.35		11.00

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Sanitary Facilities - Part 1.

Benton County, Iowa

and soil name	Pct. Septic tank of absorption fields map unit		Sewage lagoons 		
	 	 Rating class and limiting features 		 Rating class and limiting features 	
315: Fluvaquents	 95 	=	 1.00	 Very limited Not Rated (miscellaneous unit)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	 	saturated zone Slope Not Rated (miscellaneous	11.00	 Slope	1.00 1.00 1.00
350:	 	unit) 	 	 	
Waukegan	100 	Filtering capacity		Very limited Seepage 	11.00
350B: Waukegan	 100 	Filtering capacity	1.00 	 Very limited Seepage Slope 	11.00
352B: Whittier	 100 	Filtering capacity	1.00 	 Very limited Seepage Slope 	1 1 1 0 0 1 0 0 9 1
377B: Dinsdale	 100 	Depth to saturated zone	0.43	 Somewhat limited Seepage Slope	0.50
377C: Dinsdale	 100 	 Somewhat limited Depth to saturated zone restricted permeability	 0.43 0.25		1 1.00

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Sanitary Facilities - Part 1.

Map symbol and soil name	Pct. of map unit	f absorption fields		Sewage lagoons	
		Rating class and limiting features		=	
377C2: Dinsdale	 - 100 	 Somewhat limited Depth to saturated zone restricted permeability		 Very limited Slope Seepage	 1.00 0.50
382: Maxfield	 - 100 	 Very limited Depth to saturated zone restricted permeability	11.00	 Very limited Depth to saturated zone Seepage 	1 1.00
391B: Clyde		 Very limited Depth to saturated zone restricted permeability		 Very limited Depth to saturated zone Seepage Slope	 1.00 1.00
Floyd	 - 40 	 Very limited Depth to saturated zone restricted permeability 	11.00	 Very limited Seepage Depth to saturated zone Slope	 1.00 1.00 0.09
398: Tripoli	 - 100 	 Very limited Depth to saturated zone restricted permeability		 Very limited Depth to saturated zone Seepage 	 1.00 0.50
399: Readlyn	 95 	 Very limited Depth to saturated zone restricted permeability	11.00	 Very limited Depth to saturated zone Seepage Slope	 1.00 0.50 0.01

Sanitary Facilities - Part 1.

and soil name	Pct. of map unit	absorption fiel	Sewage lagoons -		
	 	Rating class and limiting features		 Rating class and limiting features 	
407B: Schley	 95 	 		 Very limited Depth to saturated zone Seepage Slope	 1.00 0.50 0.09
408B: Olin	 100 	 Not limited restricted permeability 	 0.25 	 Very limited	11.00
408C: Olin	 100 	 Not limited restricted permeability 	 0.25 	 Very limited Seepage Slope	1.00
412C: Sogn	100 	 Very limited Depth to bedrock Filtering capacity		 Very limited Depth to hard bedrock Seepage Slope	 1.00 1.00
412D: Sogn	 100 	 Very limited Depth to bedrock Filtering capacity Slope		bedrock Slope 	 1.00 1.00 1.00
412F: Sogn	 100 	 Very limited Depth to bedrock Slope Filtering capacity		bedrock Slope	 1.00 1.00 1.00

Sanitary Facilities - Part 1.

and soil name	Pct. Septic tank of absorption fields map unit		ds	Sewage lagoons 		
	 	=		 Rating class and limiting features 		
420: Tama	 100 100	 Not limited restricted permeability	 0.25	 Somewhat limited Seepage	0.50	
420B: Tama	 100 	 Not limited restricted permeability	 0.25		0.50	
426B: Aredale	 100 	•	 0.25	Slope Very limited Seepage Slope	0.33 1.00 0.33	
426C: Aredale	 100 	•	 0.25 	 Very limited Seepage Slope	 1.00 1.00	
428B: Ely	 95 	Depth to saturated zone	1.00 	 Very limited Depth to saturated zone Seepage Slope	 1.00 0.50 0.33	
485: Spillville	 95 	Flooding Depth to saturated zone	1.00 1.00	 Very limited Flooding	 1.00 1.00 0.71	
536: Hanlon	 95 	=	 1.00 1.00 	=	 1.00 1.00 0.71	

Sanitary Facilities - Part 1.

and soil name	Pct. of map unit	f absorption fields p		Sewage lagoons	
	 	=		 Rating class and limiting features 	
727: Udolpho	 100 	Depth to Saturated zone Filtering capacity	 1.00 1.00 1.00 1.35	 Depth to saturated zone	11.00
729B: Nodaway	 60 	Flooding Depth to saturated zone	11.00	Depth to saturated zone	 1.00 0.71 0.50 0.09
Radford	30 	Flooding Depth to saturated zone	11.00	Depth to saturated zone Seepage	 1.00 1.00 0.50
771B: Waubeek	 100 	Depth to saturated zone	0.43	 Somewhat limited Seepage Slope	0.50
771C: Waubeek	 100 	Depth to saturated zone	0.43	 Seepage	1 1.00 10.50
771C2: Waubeek	 100 	 Somewhat limited Depth to saturated zone restricted permeability	 0.43 0.35		 1.00 0.50

Sanitary Facilities - Part 1.

and soil name	Pct. Of map unit	absorption fields		 Sewage lagoons 	
	 			Rating class and limiting features	
778: Sattre	 100 	 - Very limited Filtering capacity	1 1 1 1 1 1 1 1 1 1	 Very limited Seepage 	1 1.00
778B: Sattre	 100 	 Very limited Filtering capacity 		 Very limited Seepage Slope	 1.00 0.33
782B: Donnan	 95 	 Very limited Restricted permeability Depth to saturated zone	1.00 	 Very limited Depth to saturated zone Seepage Slope	 1.00 0.50 0.33
782C2: Donnan	 95 	 Very limited Restricted permeability Depth to saturated zone	1.00 	 Very limited Depth to saturated zone Slope Seepage	1.00
1043: Bremer	 100 	 Very limited Depth to saturated zone Filtering capacity Restricted permeability Flooding	1.00 1.00	Depth to saturated zone Flooding	11.00
1088: Nevin	 95 	 Very limited Depth to saturated zone Filtering capacity restricted permeability	 1.00 1.00 0.25		 1.00 1.00

Sanitary Facilities - Part 1.

Map symbol and soil name	Pct. of map unit	absorption fiel	ds	Sewage lagoons 	
 	 	Rating class and limiting features 		Rating class and limiting features 	Value
1119: Muscatine	 95 	 Very limited Depth to saturated zone restricted permeability		 Very limited Depth to saturated zone Seepage	 1.00 0.50
1133: Colo	 95 	 Very limited Flooding Depth to saturated zone restricted permeability		saturated zone	 1.00 1.00 0.50
1160: Walford	 100 	 Very limited Depth to saturated zone Restricted permeability Filtering capacity	 1.00 1.00 1.00	Depth to saturated zone	 1.00 1.00
1291: Atterberry	 95 	 Very limited Depth to saturated zone restricted permeability		 Very limited Depth to Saturated zone Seepage 	 1.00 0.50
1485: Spillville	 90 	 Very limited Flooding Depth to saturated zone restricted permeability	 1.00 1.00 1.00 0.25	Seepage	 1.00 1.00 0.71

Sanitary Facilities - Part 1.

Benton County, Iowa

				 Sewage lagoons 	
	 			' -	Value
1688: Koszta	 95 	Depth to saturated zone Filtering capacity	11.00	 Very limited Seepage Depth to saturated zone	 1.00 1.00
5030: Pits, Limestone Quarry	 100 	 Not rated 	 	 Not rated 	
5040: Orthents	 100 	 Not rated 	 	 Not rated 	

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